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IAN 1 6 2002

ATTY DOCKET NO.  
RDID010511

SERIAL NO.  
09/937,474

BIRYUKOV, Sergey et al.

FILING  
September 25, 2001

GROUP  
To Be Assigned

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
<i>Mw</i>	23	EP0894852A2 & A3	02/99	Europe	<del>C12M</del>	<del>1/40</del>	ABSTRACT	
<i>Mw</i>		JP 05-076381	3/1993	Japan	—	—		
<i>Mw</i>		JP 07-031494	7/1993	Japan	—	—		
<i>Mw</i>		JP 07-075592	3/1995	Japan	—	—		
<i>Mw</i>		JP 10-080295	3/1998	Japan	—	—		

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<i>Mw</i>	24	Alberts B. et al., "Intracellular Membranes Increases the Rates of Diffusion-limited Reactions", New York/London 1983, Protein Function, pg. 133
<i>Mw</i>	25	Baranov, Vladimir et al., "Gene Expression in Cell-Free System on Preparative Scale", Methods in Enzymology. Vol., 217 pgs 123-142

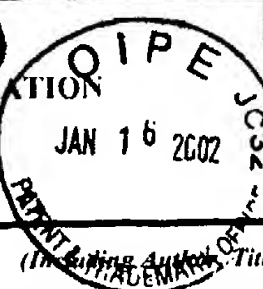
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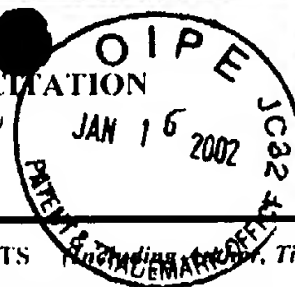
Docket Number (Optional) <b>RD1D01051U</b>	Application Number <b>09/937,474</b>
Applicant(s) <b>BIRYUKOV, Sergey et al.</b>	
Filing Date <b>September 25, 2001</b>	Group Art Unit <b>To Be Assigned</b>

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<i>MPW</i> 26	Baranov, <del>J. Vladimir</del> et al., "Gene expression in a cell-free system on the preparative scale", Gene, 84 (1989) 463-466
<i>MPW</i> 27	Craig, <del>David</del> et al., "Plasmid cDNA-directed protein synthesis in a coupled eukaryotic in vitro transcription-translation system", Nucleic Acids Research, Vol. 20, No. 19 4987-4995
<i>MPW</i> 28	Davis, <del>Julie</del> et al., "Large Scale Dialysis Reactions Using E. Coli S30 Extract Systems", Promega Notes (pg. 14-21)
<i>MPW</i> 29	Kleinkauf, <del>Horst</del> et al., "First German-Russian Summerschool on In Vitro Systems", Technical University Berlin Institute of Biochemistry and Molecular Biology September 28-30, 1994 (pg 63-70)
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<i>MPW</i> 31	Vsevolod <del>V.</del> Gurevich, et al., "Preparative in Vitro mRNA Synthesis Using SP6 and T7 RNA Polymerases", Analytical Biochemistry 195, 207-213 (1991)
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<i>MPW</i> 35	Maier, <del>Thomas</del> et al., "Strep-Tag II Affinity Purification: An Approach to Study Intermediates of Metalloenzyme Biosynthesis", Analytical, Biochemistry 259, 68-73 (1998)
<i>MPW</i> 36	Martemyanov, <del>Kirill A.</del> et al., "Direct expression of PCR products in a cell-free transcription/translation system: synthesis of antibacterial peptide cecropin", FEBS Letters 414 (1997) 268-270
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<i>MP</i> 41	Ryabova, L. A. et al., "Preparative synthesis of globin in a continuous cell-free translation system from rabbit reticulocytes", Volume 17, Number 11, 1989 pg 4412
<i>MP</i> 42	Ryabova, Lyubov A. et al., "Continuous-Flow Cell-Free Translation, Transcription-Translation, and Replication-Translation Systems", Volume 77 (8) pgs
<i>MP</i> 43	Spirin, Alexander S. et al., "Cell-Free Synthesis Bioreactor", 1992 American Chemical Society, pgs 31-43
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<i>MP</i> 45	Suzuki, Haruo, "Effect of Concentration of KCl, Magnesium Acetate and Spermine on the Ratio of a to B Globin Chains Synthesized", J. Biochem., 82, 251-260 (1997)
<i>MP</i> 46	Volynik, Elena V. et al., "Synthesis of Preparative Amount of Biologically Active Interleukin-6 Using a Continuous-Flow Cell-Free Translation System", Analytical Biochemistry 214, 289-294 (1993)
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<i>mw</i>	8	4,668,624	05/87	Roberts	435	68	
<i>mw</i>	9	4,937,190	06/90	Palmenberg et al.	435	69.1	
<i>mw</i>	10	5,135,853	08/92	Dziewulski et al.	435	41	
<i>mw</i>	11	5,324,428	06/94	Flaherty	210	232	
<i>mw</i>	12	5,324,637	06/94	Thompson et al.	435	68.1	
<i>mw</i>	13	5,434,079	07/95	Mozayeni	435	311	
<i>mw</i>	14	5,503,741	04/96	Clark	210	232	
<i>mw</i>	15	5,674,729	10/97	Wimmer et al.	435	235.1	
<i>mw</i>	16	5,807,717	09/98	Joyce	435	91.1	
<i>mw</i>	17	6,107,055	08/00	Bauer et al.	435	68.1	

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<i>mw</i>	18	EP0312617B1	04/89	Europe	C12P	24/02	ABSTRACT	
<i>mw</i>	19	EP0398083A1	11/90	Europe	G12M	1/12	ABSTRACT	
<i>mw</i>	20	EP0401369B1	12/90	Europe	C12P	24/00		✓
<i>mw</i>	21	EP0485608B1	05/92	Europe	C12P	24/00		
<i>mw</i>	22	EP0593757B1	04/94	Europe	G12P	24/00		

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